TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-25019-2

Job Description: Aspire Oakland

For:
ARCADIS U.S., Inc Formerly LFR, Inc.
1900 Powell St 12th Floor
Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow

Approved for release.
Afsaneh Salimpour
Project Manager I
1/13/2010 10:35 AM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com
01/13/2010

CA ELAP Certification # 2496
The Chain(s) of Custody are included and are an integral part of this report.

A trip blank is required to be provided for volatile analyses. If trip blank results are not included in the report, either the trip blank was not submitted or requested to be analyzed.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc Formerly LFR, Inc. Job Number: 720-25019-2

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: ARCADIS U.S., Inc Formerly LFR, Inc. Job Number: 720-25019-2

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL SF	SW846 6010B	
TCLP Extraction	TAL SF		SW846 1311
Preparation, Total Metals	TAL SF		SW846 3010A

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc Formerly LFR, Inc. Job Number: 720-25019-2

Method	Analyst	Analyst ID
SW846 6010B	Vega, Anthony	AV

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc Formerly LFR, Inc. Job Number: 720-25019-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-25019-12	COMPOSITE	Solid	12/21/2009 0000	01/04/2010 1306

Client: ARCADIS U.S., Inc Formerly LFR, Inc. Job Number: 720-25019-2

Client Sample ID: **COMPOSITE**

Lab Sample ID: 720-25019-12 Date Sampled: 12/21/2009 0000
Client Matrix: Solid Date Received: 01/04/2010 1306

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 720-64143		Instrument ID:	Thermo ICP2
Preparation:	3010A	Prep Batch: 720-64085		Lab File ID:	N/A
Dilution:	2.5	Leachate Batch: 720-64037		Initial Weight/Volume:	5 mL
Date Analyzed:	01/11/2010 1853			Final Weight/Volume:	50 mL
Date Prepared:	01/11/2010 0846				
Date Leached:	01/08/2010 1838				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Lead		ND		0.12

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-25019-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-64037					
MB 720-64037/3-B	Method Blank	P	Solid	1311	
720-25019-12	COMPOSITE	P	Solid	1311	
720-25019-12MS	Matrix Spike	P	Solid	1311	
720-25019-12MSD	Matrix Spike Duplicate	P	Solid	1311	
Prep Batch: 720-64085					
LCS 720-64085/2-A	Lab Control Sample	T	Water	3010A	
LCSD 720-64085/3-A	Lab Control Sample Duplicate	T	Water	3010A	
MB 720-64037/3-B	Method Blank	P	Solid	3010A	720-64037
720-25019-12	COMPOSITE	P	Solid	3010A	720-64037
720-25019-12MS	Matrix Spike	P	Solid	3010A	720-64037
720-25019-12MSD	Matrix Spike Duplicate	P	Solid	3010A	720-64037
Analysis Batch:720-64143					
MB 720-64037/3-B	Method Blank	P	Solid	6010B	720-64085
LCS 720-64085/2-A	Lab Control Sample	T	Water	6010B	720-64085
LCSD 720-64085/3-A	Lab Control Sample Duplicate	T	Water	6010B	720-64085
720-25019-12	COMPOSITE	P	Solid	6010B	720-64085
720-25019-12MS	Matrix Spike	P	Solid	6010B	720-64085
720-25019-12MSD	Matrix Spike Duplicate	P	Solid	6010B	720-64085

Report Basis

P = TCLP

T = Total

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-25019-2

Method Blank - Batch: 720-64085

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: MB 720-64037/3-B
Client Matrix: Solid
Dilution: 2.5
Date Analyzed: 01/11/2010 1815
Date Prepared: 01/11/2010 0846
Date Leached: 01/08/2010 1838

Analysis Batch: 720-64143
Prep Batch: 720-64085
Units: mg/L

Leachate Batch: 720-64037

Instrument ID: Thermo 6500 ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Lead	ND		0.12

Lab Control Sample - Batch: 720-64085

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 720-64085/2-A
Client Matrix: Water
Dilution: 2.5
Date Analyzed: 01/11/2010 1820
Date Prepared: 01/11/2010 0846

Analysis Batch: 720-64143
Prep Batch: 720-64085
Units: mg/L

Instrument ID: Thermo 6500 ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	10.0	10.5	105	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-25019-2

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-64085

Method: 6010B
Preparation: 3010A
TCLP

MS Lab Sample ID:	720-25019-12	Analysis Batch: 720-64143	Instrument ID: Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch: 720-64085	Lab File ID: N/A
Dilution:	2.5		Initial Weight/Volume: 5 mL
Date Analyzed:	01/11/2010 1831		Final Weight/Volume: 50 mL
Date Prepared:	01/11/2010 0846		
Date Leached:	01/08/2010 1838	Leachate Batch: 720-64037	
MSD Lab Sample ID:	720-25019-12	Analysis Batch: 720-64143	Instrument ID: Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch: 720-64085	Lab File ID: N/A
Dilution:	2.5		Initial Weight/Volume: 5 mL
Date Analyzed:	01/11/2010 1847		Final Weight/Volume: 50 mL
Date Prepared:	01/11/2010 0846		
Date Leached:	01/08/2010 1838	Leachate Batch: 720-64037	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Lead	107	102	75 - 125	5	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Salimpour, Afsaneh 720-25019-2

From: Goloubow, Ron [Ron.Goloubow@lfr.com]
Sent: Friday, January 08, 2010 4:51 PM
To: Salimpour, Afsaneh
Cc: gseif@icsinc.tv
Subject: FW: Aspire STLC Leaf EXC1-2-Files from 720-25019-1 Aspire Oakland

Please analyze this sample using the tclp for Lead on an accelerated turn around schedule. As with the STLC please send the invoice to ICS, in care of Goody Seif 510-967-1786.

Ron Goloubow, PG | Senior Associate Geologist | **ron.goloubow@arcadis-us.com**

ARCADIS U.S., Inc. | 1900 Powell Street, Suite 1200 | Emeryville, CA 94608
T. 510.596.9550 | M. 510.501-1789 | F. 510.652.2246
www.arcadis-us.com

From: Salimpour, Afsaneh [mailto:afsaneh.salimpour@testamericainc.com]
Sent: Thursday, January 07, 2010 4:26 PM
To: Goloubow, Ron
Subject: Aspire STLC Leaf EXC1-2-Files from 720-25019-1 Aspire Oakland

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: Project Feedback

AFSANEH SALIMPOUR

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 925.484.1919
www.testamericainc.com

RUSH

Reference: [055389]
Attachments: 1

Login Sample Receipt Check List

Client: ARCADIS U.S., Inc Formerly LFR, Inc.

Job Number: 720-25019-2

Login Number: 25019

List Source: TestAmerica San Francisco

Creator: Mullen, Joan

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	